

MIKHAYLOVSKIY, S.V.; MUZYKA, M.M.; BARILYAK, R.A. GUBINA, K.M.

Treatment of scleroma respiratorium with antibodies. Vest. otorinolaryngol.  
Moskva 14 no.2:59-62 Mar-Apr 1952. (CLML 22:1)

1. Honored Worker in Science Bashkir ASSR, Professor for Mikhaylovskiy;  
Docent for Muzyka and Barilyak; Assistant for Gubina. 2. Of the Department  
for Diseases of the Ear, Throat, and Nose (Head -- Prof. S. V. Mikhaylov-  
skiy) and of the Department of Microbiology (Head -- Docent M. M. Muzyka),  
L'vov Medical Institute.

MIKHAYLOVSKIY, S.V.; MUZYKA, M.M.; BARYAK, R.A.; GUBINA, K.M.

Streptomycin as an effective medium in the treatment of respiratory  
sclerosis. Sovet med. 17 no.5:20-22 May 1953. (CLML 24:5)

1. Professor, Honored Worker in Science Bashkir ASSR for Mikhaylovskiy.
2. Of the Clinic for Diseases of the Ear, Throat, and Nose (Head --  
Honored Worker in Science Bashkir ASSR Prof. S. V. Mikhaylovskiy) and  
of the Department of Microbiology (Head -- M. M. Muzyka) of L'vov Medical  
Institute (Director -- Prof. D. I. Panchenko).

MIKHAYLOVSKIY, S.V., professor; MUZYKA, M.M., dotsent; BARYLYAK, R.A.,  
dotsent; GUBINA, K.M.

Method of combined therapy for scleroma of the respiratory organs.  
Vest.oto-rin. 17 no.1:61-62 Ja-F '55. (MIRA 8:5)

1. Iz kliniki bolezney ucha, gorla i nosa (zaveduyushchiy - professor S.V.Mikhaylovskiy) i kafedry mikrobiologii (zaveduyushchiy - dotsent M.M.Muzyka) L'vovskogo meditsinskogo instituta.  
(RESPIRATORY ORGANS--DISEASES)  
(RHINOSCLEROMA)

USSR / Microbiology. Microbes Pathogenic to Man  
and Animal. Bacteria of the In-  
testinal Group.

F

Abs Jour : Ref. Zhur - Biol., No. 21, 1958, No. 25179  
Author : Muzika, M. M.; Gubina, K. M.  
Inst :  
Title : Bacteriological Indicators During Treatment  
of Scleroma with streptomycin.  
Orig Pub : V sb.: Probl. skleromn. infektsii. Minsk,  
Gosizdat BSSR, 1957, 248-250  
Abstract : No abstract.

Card 1/1

|           |   |
|-----------|---|
| Country   | : USSR  |
| Category  | : Microbiology-Antibiosis and Symbiosis. Antibiotics  |
| Abs. Jour | : Ref Zhur - Biol., No.19, 1958, 860-5  |
| Author    | : Dubina, . . M.; Muzyka, . . M.  |
| Institut. | : -   |
| Title     | : Variability of Capsular Bacteria under the Influence of Antibiotics   |
| Orig Pub. | : Probl. Skleromn. Infektsii, Minsk, Gosizdat USSR, 1957, 71-75   |
| Abstract  | : Four of the studied species of capsular bacteria easily and comparatively quickly acquired a high degree of resistance to penicillin and biomycin, retaining in this a mucoid type of growth. Upon adaptation of the microbes to synthomycin, levomycin and gramicidin, the character of growth of the colonies changed. Under the influence of streptomycin there was a very slow increase in resistance of the bacteria to antibiotic. The serologic properties of the non-mucoid colonies, and also their fermentative activity, did not differ from those of the original cultures. In experiments with cult- |
| Card:     | 1/2   |

-19-

L 42191-66 (SMT'1)

ACC NR: AP6011545

SOURCE CODE: UR/0105/66/000/004/0066/0070

AUTHOR: Muzyka, N. A. (Saratov); Muzyka, Yu. A. (Saratov)

4

ORG: none

TITLE: Graphoanalytic method for determining the parameters of synchronous  
and overexcited conditions in a hysteresis motor

SOURCE: Elektrichestvo, no. 4, 1966, 66-70

TOPIC TAGS: hysteresis motor, electric motor, hysteresis loop, magnetic  
hysteresis

ABSTRACT: A method for determining spatial distribution of rotor field strength  
 $H_r$ , when the distribution of induction  $B_r$  is known, is considered; three sets of  
conditions are analyzed: (a) starting, (b) synchronous operation, (c) overexcited  
operation. A narrower hysteresis loop representing the magnetization under  
synchronous running conditions is constructed inside the normal hysteresis loop;

Card 1/2

UDC: 621.313.392

L 42191-  
AP6011545

the new loop has the same  $H_m$  and  $B_m$  values but a smaller loop angle  $\gamma$ . The new loop makes possible calculating synchronous parameters by the same method used for calculating starting conditions. The same technique is applicable to calculating overexcited-operation parameters. Constructing  $B_r = f(H_r)$  loops for all three cases is shown. The method can serve as a basis for engineering calculations of hysteresis-motor parameters and for studying the effects of higher harmonics on the motor mechanical characteristics. The method is illustrated by a numerical example. Orig. art. has: 4 figures, 7 formulas, and 1 table.

SUB CODE: 20,09 SUBM DATE: 01Dec64 / ORIG REF: 001

Card 2/21111

KATAYEVA, Ye.I.; MUZYKA, N.S.; KIPNIS, A.L.

Properties of new facing materials. Bum. i der. prom. no.4:  
22-24 O-D '63. (MIRA 17:3)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanicheskoy obrabotki drevesiny.

MUZYKA, Stanislaw

The problem of labor safety and hygiene. Wiss. naft. 8 no.8:188-  
189 Ag '62.

FILIPCHUK, L.A. (Chimkent); MUZYKA, S.F., (Chimkent)

Field experiments with sagging soils. Osn., fund. i mekh.  
grun. 5 no.5:10-13 '63. (MIRA 16:10)

L 42191-66 EMT(1)

ACC NR: AP6011545

SOURCE CODE: UR/0105/66/000/004/0066/0070

AUTHOR: Muzyka, N. A. (Saratov); Muzyka, Yu. A. (Saratov)

ORG: none

TITLE: Graphoanalytic method for determining the parameters of synchronous  
and overexcited conditions in a hysteresis motor

SOURCE: Elektrichestvo, no. 4, 1966, 66-70

TOPIC TAGS: hysteresis motor, electric motor, hysteresis loop, magnetic  
hysteresis

ABSTRACT: A method for determining spatial distribution of rotor field strength  
 $H_r$ , when the distribution of induction  $B_r$  is known, is considered; three sets of  
conditions are analyzed: (a) starting, (b) synchronous operation, (c) overexcited  
operation. A narrower hysteresis loop representing the magnetization under  
synchronous running conditions is constructed inside the normal hysteresis loop;

Card 1/2

UDC: 621.313.392

L 42191-  
AP6011545

the new loop has the same  $H_m$  and  $B_m$  values but a smaller loop angle  $\delta$ . The new loop makes possible calculating synchronous parameters by the same method used for calculating starting conditions. The same technique is applicable to calculating overexcited-operation parameters. Constructing  $B_r = f(H_r)$  loops for all three cases is shown. The method can serve as a basis for engineering calculations of hysteresis-motor parameters and for studying the effects of higher harmonics on the motor mechanical characteristics. The method is illustrated by a numerical example. Orig. art. has: 4 figures, 7 formulas, and 1 table.

SUB CODE: 20,09 SUBM DATE: 01Dec64 / ORIG REF: 001

Card 2/21161

ZADOROZHNYY, V.K., kand. ekon . nauk, otv. red.; KASEVINA, A.I.,  
kand. ekon. nauk, red.; MUZYKANSKAYA, L.Ye., otv. za vypusk;  
KADASHEVICH, O.A., tekhn. red.

[Determining the population's demand for goods] Opredelenie  
potrebnosti naseleniya v tovarakh; materialy. Kiev, Izd-vo  
Akad.nauk USSR, 1962. 279 p. (MIRA 16:3)

1. Nauchnaya konferentsiya po voprosam opredeleniya potreb-  
nosti naseleniya v tovarakh, Kiev, 1961. 2. Direktor Ukrain-  
skogo nauchno-issledovatel'skogo instituta torgovli i obshche-  
stvennogo pitaniya (for Zadorozhnyy).  
(Supply and demand)

L 63665-65 EWT(d)/EED-2/EWP(1) IJP(c) BB/GG  
ACCESSION NR: AP5016084

UR/0302/65/000/002/0023/0025 23  
681.142.621 19

B

AUTHOR: Kryzhanovskiy, O. M. (Doctor of technical sciences); Panasyuk, L. S. (Candidate of technical sciences); Muzykant, A. M.; Zakuta, M. B.

TITLE: Contactless reversible analog-to-digital converter

SOURCE: Avtomatika i priborostroyeniye, no. 2, 1965, 23-25

TOPIC TAGS: analog to digital converter

ABSTRACT: A simple small-size contactless angle-increment-into-pulses converter was developed and tested under actual operating conditions. A dural disk carrying a few ferrite permanent-magnet segments is rotated (by sensor voltage) in the fields of two iron-core coils. The coil inductance changes by 6-10 times when the magnetic segment enters its field; thus, the operation of a number of triggers is controlled. The use of two coils also permits determining the direction of disk rotation. Stable operation within -60 + 100C of the converter is

Card 1/2

L 63665-65

ACCESSION NR: AP5016084

claimed. The converter has been in operation for one year in the extremal-control system of a cupola-furnace blast at the Voronezhsel'mash Plant and also in the automatic mixture-charging system of a cupola furnace at the Yaroslavl' Motor Plant. Orig. art. has: 2 figures.

ASSOCIATION: Institut problem lit'iya AN UkrSSR (Institute of Founding Problems, AN UkrSSR) AIV Latvija GSR

SUBMITTED: 00

ENCL: 00

SUB CODE: DP

NO REF SOV: 002

OTHER: 000

Card 2/2  
*llc*

L 12977-66 EWT(1)/EWA(h)

ACC NR: AF6001522

SOURCE CODE: UR/0302/65/000/004/0066/0068

AUTHOR: Kryzhanovskiy, O. M.; Muzikant, A. M.; Panasyuk, L. S.; Tartak, V. G.; Fedorenko, A. G.

ORG: None

39  
B

TITLE: An oscillator based on switching diodes for generating three-cycle current pulses for magnetic logic elements

SOURCE: Avtomatika i priborostroyeniye, no. 4, 1965, 66-68

TOPIC TAGS: logic element, magnetic core storage, pulse oscillator, junction diode

ABSTRACT: A three-cycle pulse generator based on diodes has been developed by the Institute of Foundry Problems AN UkrSSR (Institut problem lit'ya). The generator (Fig. 1) is a ring-type three-place 1/2-wave shift register. The elements in the register are three-winding transformers Tr<sub>1</sub>-Tr<sub>3</sub> (ferrite cores with rectangular hysteresis loop) and switching diodes D<sub>5</sub>-D<sub>10</sub> connected in series with junction diodes D<sub>2</sub>-D<sub>4</sub>. The cadence pulse source for the register is an RC relaxation oscillator. The load is connected in the cathode circuit of the switching diodes. In the initial state, diodes D<sub>5</sub>-D<sub>10</sub> are closed and capacitors C<sub>2</sub>-C<sub>4</sub> are charged nearly to the voltage of the power supply. The oscillator is triggered by prerecording a "1" in two elements of the shift register, e.g. Tr<sub>1</sub> and Tr<sub>2</sub>. With the first cycle of the master oscillator, both "1's" are transcribed and pulses are shaped in the W<sub>1</sub> windings of these transformers which open switching diodes D<sub>5</sub>, D<sub>6</sub>, D<sub>7</sub> and D<sub>8</sub> simultaneously. Card 1/3

UDC: 621.373.54

L 12977-66

ACC NR: AP6001522

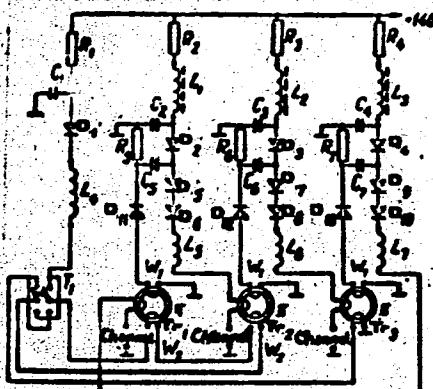


Fig. 1. Principle diagram of the generator.

ously through transfer circuits  $D_{11}-C_5-R_5$  and  $D_{12}-C_6-R_6$ . The discharge current from capacitors  $C_2$  and  $C_3$  generates a corresponding current pulse in the load: in circuit  $D_5$ ,  $D_6$ —a blocking pulse from channel I recording a "1" in  $Tr_2$ ; in circuit  $D_7$ ,  $D_8$ —an advancing pulse from channel II recording a "1" in  $Tr_3$ . Upon completion of the capacitor discharge, diodes  $D_5$ - $D_8$  are opened and the capacitors are charged through charging resistors  $R_2$  and  $R_3$  and coils  $L_1$  and  $L_2$  connected in series with these resistors. On the next cycle of the master oscillator, diodes  $D_7$ ,  $D_8$  and  $D_9$ ,  $D_{10}$  are opened, shaping a blocking pulse in channel II and an advancing pulse in channel III, respectively. These pulses record a "1" in  $Tr_3$  and  $Tr_1$ . With the third cycle of the master oscillator, the diodes for channels I and III are opened, generating

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L 12977-66

ACC NR: AP6001522

a blocking pulse in channel III and an advancing pulse in channel I, and a "1" is recorded in  $T_{r1}$  and  $T_{r2}$ . Recording and readout are automatic. The original "1" is recorded on the cores of transformers  $T_{r1}$  and  $T_{r2}$  by reversing the direction of current in the  $N_2$  windings of these transformers through switch  $T_1$ . The switching diodes used in the device give advancing pulses with a current amplitude of 6 A with a load of up to 500 magnetic logic elements at a prf of 1-1.5 kc. The pulse duration is 6/4 sec with a leading edge slope of 2.5 a/4 sec. Orig. art. has: 4 figures.

SUB CODE: 09 / SUBJ DATE: none / ORIG REF: 003

Card 3/3

ACC NR: AP7004658

SOURCE CODE: UR/0432/66/000/001/0032/0033

AUTHOR: Panasyuk, L. S. (Candidate of technical sciences); Zakuta, M. B.; Muzykant, A. M.

ORG: none

TITLE: Contactless pulse-type position transducer

SOURCE: Mekhanizatsiya i avtomatzatsiya upravleniya, no. 1, 1966, 32-33

TOPIC TAGS: control circuit, electromechanic converter, electronic circuit, contactless position transducer

ABSTRACT: A simple and highly reliable contactless position transducer is described. The transducer (see Fig. 1) consists of a movable magnet M with a constant field intensity of approximately 1500 Oe and a fixed toroidal core T<sub>p</sub> (dimensions 10 x 2 x 7 mm) made from IM-2 ferrite with rectangular hysteresis loop. The core is magnetized with 5-8-kc semipolar pulses (amplitude, 5-8 amp; rise time 8 a/ $\mu$ sec) generated by an RC relaxation oscillator with a switching diode D. The voltage required to switch the diode is 50-70 v. Movement of the magnet changes its magnetic coupling with the toroidal core and produces output pulses in the winding W. Pulse amplitude is proportional to the magnetic coupling between the magnet and the core. Tests revealed the output pulse amplitude to be stable within  $\pm 1\%$  for supply voltage variations of  $\pm 30\%$  for samples having a spacing of 5 mm between the magnet and the core. The

Card 1/2

UDC: 621.398.694.4.531.4

ACC NR: AP7004658

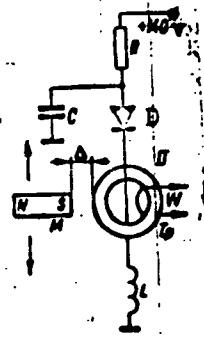


Fig. 1. Transducer schematic diagram

transducer can be used in many control and regulation circuits. Orig. art. has 1 figure.

SUB CODE: 09/ SUBM DATE: none/

Card 2/2

17(1)

AUTHORS:

Kasavina, B. S., Muzykant, L. I.

SOV/20-123-1-51/56

TITLE:

The Effect of Hyaluronidases on the Formation of Collagen Structures in the Process of Wound Healing (Vliyanie gialuronidaz na obrazovaniye voloknistykh struktur v protsesse zazhivleniya ran)

PERIODICAL:

Doklady Akademii nauk SSSR, 1958, Vol 123, Nr 1, pp 189 - 191  
(USSR)

Card 1/3

ABSTRACT: The formation of fibrous collagen structures during granulatory wound healing is accompanied by an accumulation of mucopolysaccharides in the focus of affection (Refs 1 - 4). In different stages of healing this process is differently intensive. A high content of the above substances, especially of hyaluronic acid, occurs in early stages of wound healing (Refs 5 - 7). The mucopolysaccharides participated directly in the formation of the collagen fibrils (Ref 9). This suggests that mucopolysaccharides are a plastic material which serves for the formation of collagen complexes. The authors studied collagen structures, as well as neutral and acid mucopolysaccharides (hyaluronic and chondroitin sulfuric acid) in normal wound healing and after the influence of

The Effect of Hyaluronidases on the Formation of  
Collagen Structures in the Process of Wound Healing

SOV/20-123-1-51/56

lidase (lidaza) (a hyaluronidase preparation) and finally one of the possible mechanisms of regulating the process of collagen fibre formation in 25 male rabbits of the Chinchilla (shenshelya) race. Under sterile conditions a small section of the quadriceps femoral muscle was cut out. The result of the study was that in early stages of healing a considerable amount of acid mucopolysaccharides, especially of hyaluronic and chondroitin sulfuric acid, is present in the wound. Their content decreases in the course of healing. Furthermore, it was seen that the decrease of acid mucopolysaccharides is accompanied by an increase of the quantity of collagen fibers and neutral polysaccharides. The application of hyaluronidases (lidase preparation) seven days after the infliction of the trauma and during increased collagenization checks the formation of fibrous (collagen) structures during granulatory wound healing and thus prevents the formation of the protruding tissue. The study is of practical importance as it makes one of the possible ways of regulating the process of collagen formation available. There are 3 figures and 14 references, 10 of which are Soviet.

Card 2/3

The Effect of Hyaluronidases on the Formation of  
Collagen Structures in the Process of Wound Healing

SOV/20-123-1-51/56

ASSOCIATION: Tsentral'nyy institut travmatologii i ortopedii (Central  
Institute of Traumatology and Orthopaedics)

PRESENTED: April 24, 1958, by L. S. Shtern, Academician

SUBMITTED: April 23, 1958

Card 3/3

KASAVINA, B.S.; LIRTSMAN, V.M.; MUZYKANT, L.I.

Mucopolysaccharides in the process of tissue regeneration;  
on the role of hyaluronic acid in the process of wound  
regeneration. *Ekspер.khir.* 4 no.4:12-15 Jl-Ag '59.  
(MIRA 12:11)

1. Iz TSentral'nogo instituta travmatologii i ortopedii  
Ministerstva zdravookhraneniya SSSR (dir. - deystvitel'nyy  
chlen AMN SSSR prof.N.N.Priorov).  
(REGENERATION pharmacol)  
(HYALURONIC ACID pharmacol)

MUZYKANT, L. I.

"The Influence of Training on the Content and Nature of the Distribution  
of Glycogen in Cardiac Muscle. (Experimental Investigation.)"

report submitted for the First Conference on the problems of Cyto and  
Histochemistry, Moscow, 19-21 Dec 1960.

From the Division of Pathological Anatomy of the Institute of Surgery Imeni A.V.  
Vishnevskiy.

KASAVINA, B.S.; MUZYKANT, L.I.

Experimental study of the regeneration of bone tissue by the  
histochemical method. Eksper. khir. 5 no. 5:54-56 '60.  
(MIRA 14:1)

(BONES—DEGENERATION AND REGENERATION)

PORTNOY, V.F.; MUZYKANT, L.I.

Histochemical study of the myocardium by various methods of  
experimental heart arrest. Exper.khir.i anest. no.6:29-34 '61.  
(MIRA 15:5)

1. Iz laboratorii anesteziologii (zav. - kand.med.nauk T.M.  
Derbinyan) i otdela patomorfologii (zav. - doktor med.nauk  
D.S. Sarkisov) Instituta khirurgii imeni A.V. Vishnevskogo  
(dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy)  
AMN SSSR.

(HEART--MUSCLE)

(HEART FAILURE)

MUZYKANT, L.I.; BARSKAYA, L.A.

Regenerative processes in the myocardium following extreme  
fatigue. Sbor.trud.Inst.khir.AMN SSSR no.1:14-33 '62.  
(MIRA 16:1)  
(HEART--MUSCLE) (GLYCOGEN) (FATIGUE)

MUZYKANT, L.I.

Effect of physical load on the distribution of glycogen and  
proteins in the heart muscle of white rats. Biul. eksp. biol.  
i med. 53 no.1:56-59 Ja '62. (MIRA 15:3)

1. Iz otdela patologicheskoy anatomii (zav. - doktor med. nauk  
D.S. Sarkisov) Instituta khirurgii imeni A.V. Vishnevskogo  
(dir. - deystvitel'nyy chlen AMN SSSR A.A. Vishnevskiy), AMN  
SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR  
A.A. Vishnevskim.

(HEART-MUSCLE)  
(PROTEINS)

(GLYCOGEN)  
(STRESS (PHYSIOLOGY))

MUZYKANT, L.I.; BARSKAYA, L.A.

Functional and morphological study of the dynamics of restorative processes in the myocardium after acute fatigue in animals. Biul. eksp. biol. i med. 54 no.8:30-33 Ag '62.

(MIRA 17:11)

1. Iz otdela patologicheskoy anatomii (zav. - doktor med. nauk D.S. Sarkisov) i laboratorii fiziologii (zav. - prof. L.I. Shik) Instituta khirurgii imeni Vishnevskogo (dir. - deystvitel'nyy chlen AMN SSSR prof. A.A. Vishnevskiy) AMN SSSR, Moskva.

MUZYKANTOV, A.

PA 38/49T72

Engineering  
Refrigeration  
Efficiency, Industrial

Jan/Mar 49

"Competition for the Title of Superior Quality Brigade," A. Muzykantov, V. Spevak, 4 pp

"Khododil Tekh" No 1

Within enterprises of Glavkhladprom 75 brigades are competing for subject title, which carries an award of up to 50% of the monthly salary of the brigade.

38/49T72

KATSMAN, F.M., inzhener; MUZYKANTOV, G.M., inzhener.

Problem of centrelling the geometrical design of propeller elements in  
industry. Sudestreeenie 22 no.2:10-15 P '56. (MLRA 9:7)  
(Propellers)

DOLIVO-DOBROVOL'SKIY, L.B., KONSTANTINOV, Yu.P., MUZYKANTOV, R.V.

Deactivating function of biocoenoses in purification systems with  
regard to the liquid phase of city sewage containing radioactive  
contaminations. Biul. MOIP. Otd. biol. 63 no.4:153-154 Jl-Ag '58  
(MIRA 11:11)

(SEWAGE-PURIFICATION)  
(RADIOACTIVE WASTE DISPOSAL)

DOLIVO-DOBROVOL'SKIY, L.B., starshiy nauchnyy sotrudnik; KONSTANTINOV,  
Yu.P., mladshiy nauchnyy sotrudnik; MUZYKANTOV, R.V., mladshiy  
nauchnyy sotrudnik

Data on the deactivation of municipal sewage at biological  
treatment stations; preliminary report. Gig.i san. 25 no.2:  
15-18 F '60. (MIRA 13:6)

1. Iz Moskovskogo nauchno-issledovatel'skogo instituta sanitarii  
i gigiyeny imeni F.F. Erishmana Ministerstva zdravookhraneniya  
RSFSR.

(RADIOACTIVE WASTE DISPOSAL)

MEDVEDEV, I.G., inzh.; MUZYKANTOV, S.P., inzh.; OBLOMSKAYA, N.I., inzh.

Efficient systems of deepening shafts in the opening-up of  
lower levels. Trudy KuzNIshakhtostroia no.1:6-19 '63.  
(MIRA 17:8)

BARONSKIY, Isaak Vladimirovich, inzh.; VIKTOROV, Georgiy Borisovich;  
VOROB'YEV, Vladimir Il'ich; KEM, Anatoliy Senyurovich;  
LEONT'YEV, Sergey Nikolayevich, kand. tekhn. nauk;  
MUZYKANTOV, Stepan Pankrat'yevich; PROSTENSOV, Grigoriy  
Yevgen'yevich; TSAY, Trofim Nikolayevich

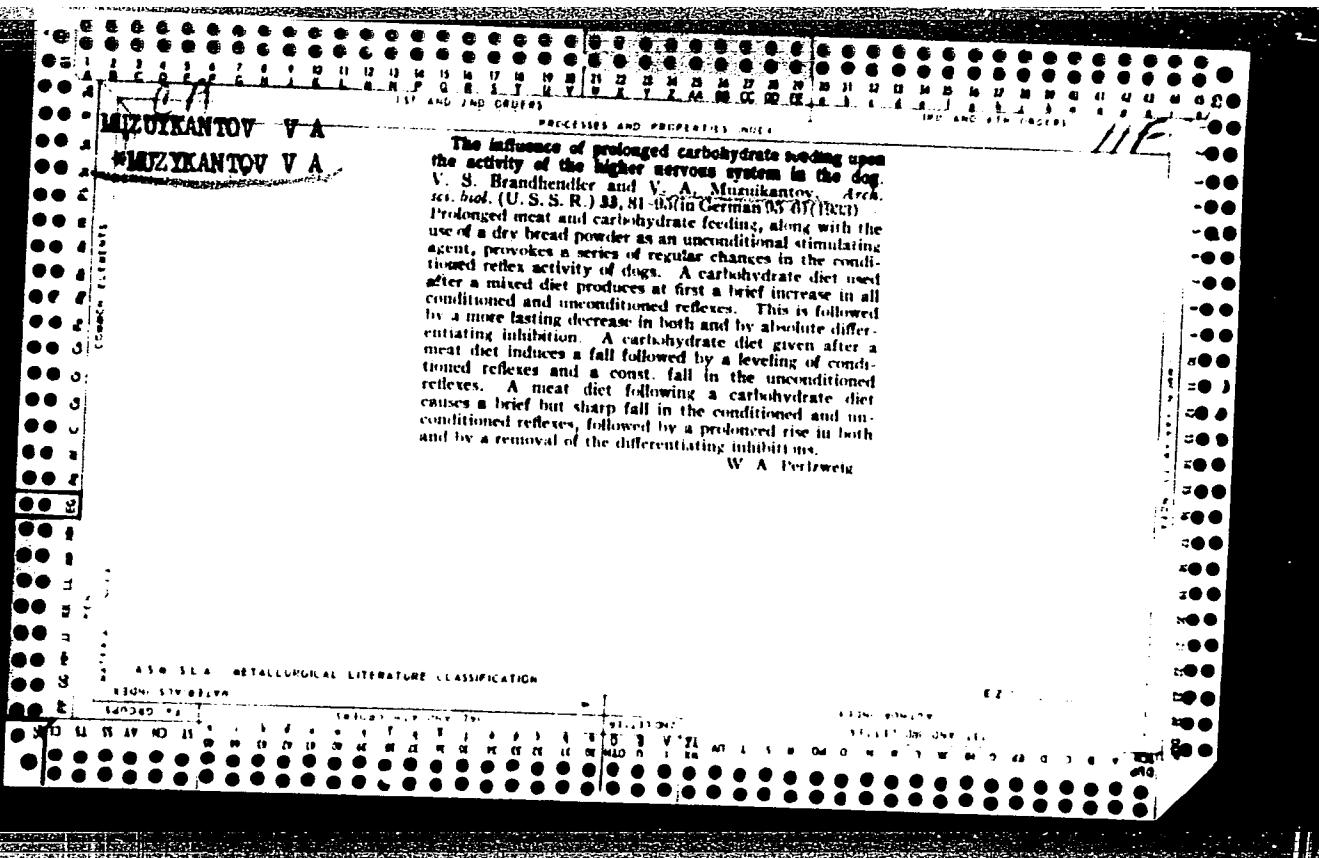
[Building of mining enterprises] Stroitel'stvo gornykh pred-  
priatii. Moskva, Nedra, 1965. 323 p. (MIR 18:10)

MUZYKANTOV, V. A.

KOSHTOYANTS, Kh. S.; MUZYKANTOV, V. A.

"On the Problem concerning Digestion and Feeding of Agricultural Animals". (k voprosu o pishchevarenii i kormlenii sel'skokhozyaystvennykh zhivotnykh).

Probl. zhivotn., 1932, No 7, s. 66-69 [Together with V. A. Muzykantov]



*MuzyKantor, V.A.*

KOSHTOYANTS, Kh. S.; MUZYKANTOV, V. A.; MITROPOLITANSKAYA, R. L.

"Physiological Character of Smooth Intestine Muscles of Amphibia in Varius Periods of Individual Development." (Fiziologicheskaya kharakteristika gladkoy muskulatury kishechnika amfibii v razlichnyye periody individual'nogo razvitiya).

In the book, "Several Problems of Comparative Physiology." Collection of works of the Laboratory of Comparative Animal Physiology of the Biological Institute im. K. A. Timiryazev. M.-L., Medgiz, 1934, s. 90-97, ris.

"Report 1 of 'Data for the Comparative Physiology of Smooth Muscles of the Muscular Tract.'" (Soobshcheniye 1. Materialy k srovnitel'noy fiziologii gladkoy muskulatury myshechnogo trakta.)

Fiziol. zh., 1934, T. 17, v. 3, s. 527-534, ris.

*Muzikantov, V.A.*

KOSHTOYANTS, Kh. S.; BEKBULATOV, T. I.; VASILENKO, F. D.; KUDRYAVINA, N.; MITROPOLITAN-SKIY, R. L.; MUZYKANTOV, V. A.; REZNICHENKO, P. N.

"Concerning the Correlation of Functions of 'Vegetative' and 'Animal' Systems in the Light of the Evolution of These Systems". (O korrelyatsii funktsiy "vegetativnykh" i "animal'nykh" sistem v svete evolyutsii etikh sistem).

In the Book, "The VI All-Union Congress of Physiologists, Biochemists, and Pharmacologists". Tbilisi, 12-18/X 1937. Collection of Reports. Tbilisi, Orgkomitet, 1937, s. 268-273.

MUSYKANTOV, V.A.

Problems of therapeutic diet; report on discussions which took place  
in May and June 1953 at the Institute of Nutrition of the Academy of  
Medical Sciences of the U.S.S.R. V.A.Musykantov. Vop.pit. 13 no.1:  
45-57 Ja-P '54.  
(Diet in disease)

MALKIMAN, I.V., MUZYKANTOV, V.A., FILIPPOVICH, S.I. (Moskva)

Significance of I.P. Razenkov's investigations in the field of  
digestive physiology and pathology and certain results of their  
further development; 70th anniversary of his birth. *Fiziol.*  
*zhur.* 44 no.11:1091-1094 N°58 (MIRA 11:12)  
(GASTROENTEROLOGY,  
contributions of I.P.Razenkov (Rus))  
(BIOGRAPHIES,  
Razenkov, I.P., (Rus))

MUZYKANTOV, V.A., kand.biologicheskikh nauk

Problems in the coordination of medicobiological research. Vest.  
AMN SSSR 14 no.12:32-36 '59. (MIRA 13:4)  
(RESEARCH)  
(MEDICINE)  
(BIOLOGY)

FILIPPOVICH, S.I.; MUZYKANTOV, V.A.

Conference on the physiology and pathology of digestion, held in  
memory of I.P. Razenkov. Vop.pit. 18 no.5:90-94 8-0 '59.

(DIGESTIVE ORGANS)

(MIRA 13:1)

PARIN, V.V.; MUZYKANTOV, V.A.

The leading institute of the Academy of Medical Sciences of the  
U.S.S.R. Vest. AMN SSSR 16 no. 5:3-5 '61. (MIA 14:12)  
(MEDICAL RESEARCH)

BABSKIY, Ye.B.; MUZYKANTOV, V.A.

One of the tasks of the leading institute is the advanced training  
of research workers. Vest. AMN SSSR 16 no.5:85-87 '61.  
(PHYSIOLOGY. STUDY AND TEACHING) (MIA 14:12)

ANOKHIN, P.K., red.; KOSTYUK, P.G., red.; KRYZHANOVSKIY, G.N., red..  
LEBEDINSKIY, A.V., red.; MENITSKIY, D.N., red.; MUZYKANTOV,  
V.A., red.; PARIN, V.V., red.; ROYTEAK, A.I., red.; KULLANDA,  
K.M., red.

[Contemporary problems of electrophysiological studies of  
the nervous system] Sovremennye problemy elektrofiziologii-  
cheskikh issledovaniy nervnoi sistemy. Moskva, Meditsina,  
1964. 519 p.  
(MIRA 17:7)

1. Akademiya meditsinskikh nauk SSSR, Moscow.

MUZYKANTOV, V.A.

Discussions and final addresses of the speakers. Vest. AMO (1964)  
19 no.2:103-106 '64. (MIMA 12:1)

S/076/61/035/001/013/022  
B004/B060

AUTHORS: Popovskiy, V. V., Boreskov, G. K., and Muzykantov, V. S.  
(Moscow)

TITLE: Study of the mechanism of hydrogen oxidation of cobaltous  
cobaltic oxide by the oxygen isotope O<sup>18</sup>

PERIODICAL: Zhurnal fizicheskoy khimii, v. 35, no. 1, 1961, 192-197

TEXT: The authors studied the two possible oxidation processes on oxide catalysts: a) The oxidizing substances react with the oxygen of the catalyst; b) the oxygen of the catalyst does not participate in the reaction, but the oxidizing substances react with the oxygen of the gas phase, which is bound by chemisorption to the surface of the catalyst. This reaction mechanism has repeatedly been studied with the help of O<sup>18</sup>. Isotopic exchange between molecular O<sub>2</sub>, oxidation product, and catalyst, however, may lead to errors. The purpose of the present work was to study the oxidation of H<sub>2</sub> on Co<sub>3</sub>O<sub>4</sub> by means of O<sup>18</sup>. The isotopes were analyzed with an MC-1 (MS-1) mass spectrometer. Co<sub>3</sub>O<sub>4</sub> was obtained by heating

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Study of the mechanism of hydrogen ...

S/076/61/035/001/013/022  
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cobalt nitrate to 400°C. Three specimens were prepared. Their specific surface was determined by adsorption of N<sub>2</sub> at a low temperature, and their catalytic activity W<sub>c</sub> with respect to H<sub>2</sub> was determined in the oxygen excess ( $p_{O_2} \approx 750$  mm Hg,  $p_{H_2} \leq 20$  mm Hg). Table 1 gives the following values:

|   | Catalyst | Specific surface, m <sup>2</sup> /g | t, °C | $W_{cH_2} = 10^{-7}$ mole H <sub>2</sub> /cm <sup>2</sup> .h |
|---|----------|-------------------------------------|-------|--|
| A | 4.4      |                                     | 200   | $2.9 \cdot 10^{-8}$  |
|   |          |                                     | 150   | $6.2 \cdot 10^{-8}$  |
|   |          |                                     | 100   | $1.0 \cdot 10^{-9}$  |
|   |          |                                     | 75    | $5.0 \cdot 10^{-10}$   |
| B | 7.7      |                                     | 100   | $8.8 \cdot 10^{-10}$   |
|   |          |                                     | 50    | $1.6 \cdot 10^{-10}$   |
| C | 6.1      |                                     | -     | -  |

The authors studied a) the isotopic exchange between catalyst and atmospheric oxygen; b) the exchange between Co<sub>3</sub>O<sub>4</sub> and water vapor in vacuo

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at 400°C for 4 hr; c) the exchange between water vapor and atmospheric oxygen; d) the participation of the catalyst oxygen. a) These experiments were made in a continuous-flow device at  $P_{O_2} \sim 10$  mm Hg. A figure shows the fraction of exchanged oxygen ions of the catalyst surface at different temperatures. No exchange was observed at 75°C. The decreasing exchange rate indicates that the oxygen ions are heterogeneous. b) The water vapor was enriched in O<sup>18</sup>. The isotope analysis of the water was carried out according to A. V. Trofimov (Ref. 9) by exchange with CO<sub>2</sub> and by a mass-spectrometric analysis of CO<sub>2</sub>. Exchange of 7, 50, and 20% was observed at 400, 75, and 50°C, respectively. Therefore, the oxygen exchange between water vapor and catalyst surface is to be taken into account. c) No exchange was observed at 75°C. d) This experiment was made at 75°C. In the experiments of the first series, the catalyst was enriched with O<sup>18</sup> by isotopic exchange with water vapor at 400°C. The oxygen of H<sub>2</sub>O contained approximately 16 at% O<sup>18</sup>. Three experiments were made with the catalyst containing O<sup>18</sup>, which was evacuated at 400°C for 4 hr: 1) oxidation of H<sub>2</sub> in O<sub>2</sub> excess at 75°C; 2) exchange reaction with the oxygen of H<sub>2</sub>O;

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Study of the mechanism of hydrogen ...

S/076/61/035/001/013/022  
B004/B060

3) reduction with  $H_2$  at  $200-250^\circ C$ . Results are collected in Table 2. In the second series, the catalyst contained natural oxygen, was evacuated at  $400^\circ C$ , treated with normal  $O_2$ , which was then sucked off at  $75^\circ C$ . Subsequently, the device was filled with oxygen containing 4 at%  $O^{18}$ . In addition, the exchange between  $Co_3O_4$  and water vapor was studied as in the first series. Results are presented in Table 3. The following conclusions were drawn from the results obtained: 1) At a temperature of  $75^\circ C$ , the major part of oxygen ions of the catalyst surface do not participate in the reaction. 2) After the catalyst has been heated to  $400^\circ C$ , only 2-20% of the oxygen ions of the catalyst surface participate in the reaction, while a treatment of the catalyst at  $75^\circ C$  increases this percentage to 13-39%. There are 1 figure, 3 tables, and 9 references: 8 Soviet-bloc and 1 non-Soviet-bloc.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova (Physico-chemical Institute imeni L. Ya. Karpov)

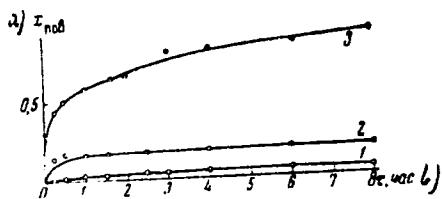
SUBMITTED: May 13, 1959

Card 4/7

Study of the mechanism of hydrogen ...

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Legend to the figure:  
a) concentration of oxygen ions  
of the catalyst surface;  
b) time, hr;



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Legend to Table 2: 1) number of experiment; 2) process; 3) weighed-in quantity of  $\text{Co}_3\text{O}_4$ ; 4) specific surface,  $\text{m}^2/\text{g}$ ; 5) oxygen (in g) in the monomolecular layer of the catalyst surface; 6) quantity of forming  $\text{H}_2\text{O}$  to  $\text{O}_2$  in water, g; 7) quantity of  $\text{O}_2$  in water, g; 8) M - ratio of  $\text{O}_2$  (introduced) water, g; 9)  $\text{O}^{18}$  concentration in the forming  $\text{H}_2\text{O}$  to  $\text{O}_2$  in the monomolecular layer; 10) fraction of oxygen ions of the catalyst surface converted into  $\text{H}_2\text{O}$ ; 11) oxidation; 12) exchange; 13) reduction

| №     | 1)             | 2)                           | 3)  | 4)   | 5)  | 6)   | 7)   | 8)                                 | 9)   | 10) |
|-------|----------------|------------------------------|---|--|---|--|------|------------------------------------|--|-----|
|       | Процесс        | Нанес-<br>на<br>оиница,<br>г | Уд.<br>поверх-<br>ности,<br>$\text{м}^2/\text{г}$ | Количест-<br>во кисло-<br>рода в мо-<br>номолеку-<br>лярном<br>слое оиница,<br>г | Количест-<br>во образо-<br>вавшегося<br>(взятой)<br>воды, г | Коли-<br>чество<br>кисло-<br>рода в<br>воде, г | М    | Конц. Ои<br>в воде, с.в.,<br>ст. % | Доля по-<br>верхност-<br>ных ионов<br>кальцио-<br>да, пре-<br>шедших в<br>воду % |     |
| 19    | Окисление      | 46,53                        | 7,7   | 0,121  | 0,4   | 0,35   | 2,95 | 0,02                               | 18,2   |     |
| 19 I  | Обмен          | 44,73                        | —   | 0,116  | 0,3   | 0,27   | —    | 0,07                               | 16,9   |     |
| 19 II | Восстановление | 43,71                        | —   | 0,114  | 0,4   | 0,35   | 3,12 | 7,00                               | —  |     |
| "     | Окисление      | 42,52                        | —   | 0,110  | 0,4   | 0,35   | 3,22 | 0,67                               | 19,1   |     |
| "     | Обмен          | 40,39                        | 7,7   | 0,105  | 0,4   | 0,35   | —    | 0,56                               | 16,1   |     |
| "     | Восстановление | 45,18                        | —   | 0,118  | 0,4   | 0,35   | 3,01 | 8,12                               | —  |     |

Table 2

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Study of the mechanism of hydrogen ...

S/076/61/035/001/013/022  
B004/B060

Legend to Table 3: (1-12 as in Table 2). 14) before and 15) after the experiment; 16)  $c_0^{18}$  in the oxygen of the reaction products.

Table 3

| № опыта | Процесс        | Израс-<br>тана<br>описи-<br>ла, % | Уд. изори-<br>пости, % | Колич. ис-<br>порода в мо-<br>байонитов<br>послед. опи-<br>си, % | Колич. обра-<br>зованной в<br>пластах во-<br>ды, % | Колич. ис-<br>порода в во-<br>дах, % | М    | $c_0^{18}$ в воде |                      | Доля испар-<br>ившегося<br>испородия в<br>результате<br>реакции, % |      |
|---------|----------------|-----------------------------------|------------------------|--|--|--------------------------------------|------|-------------------|----------------------|--|------|
|         |                |                                   |                        |  |  |                                      |      | начали-<br>я      | после<br>опыта<br>и) |  |      |
| I       | Окис-<br>ление | 100                               | 6,1                    | 0,207  | 0,34   | 0,30                                 | 1,44 | —                 | 3,10                 | 4,29   | 41,6 |
|         | Обмен          | 100                               |                        | 0,207  | 0,35   | 0,31                                 | —    | 2,90              | 2,49                 | 4,29   |      |
| II      | Окис-<br>ление | 75                                | 6,1                    | 0,155  | 0,34   | 0,30                                 | 1,93 | —                 | 3,44                 | 4,19   | 36,1 |
|         | Обмен          | 75                                |                        | 0,155  | 0,33   | 0,29                                 | —    | 4,45              | 3,95                 | 4,19   |      |

Card 7/7

BOREKOV, G.K.; MUZYKANTOV, V.S.; POPOVSKII, V.A.; VOL'KOV, B.M.

Isotope oxygen exchange in the system aluminum-<sup>27</sup>Al + molecular oxygen. Dokl. AN SSSR 159 no. 6 p. 1354-1356 (1961)

(USSR (FSN))

i. Institut kataliza St. Petersburgskogo gos. AN SSSR, z. 1000 korrespondent AN SSSR (for Borekov).

MUZYKANTOV, V.S.

Analysis of kinetic functions of isotope exchange in a  
system molecular oxygen - solid oxide. Kin.i kat. 6  
(MIRA 18:11)  
no.5:952-955 S-0 '65.

1. Institut kataliza Sibirskogo otdeleniya AN SSSR.

NOVOSELOV, R.I.; MZYKANTOVA, Z.A.; PTITSYN, B.V.

Oxidation potential as a characteristic of the reaction  
velocity in the kinetic methods of analysis. Zhur.neorg.khim.  
8 no.1:135-140 Ja '63. (MIRA 16,5)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya  
AN SSSR.  
(Oxidation) (Chemical reaction, Rate of)  
(Chemistry, Analytical)

NOVOSELOV, R.I.; MUZYKANTOVA, Z.A.; PTITSYN, B.V.

Determination of the instability constants of complexes unstable  
in time. Zhur.neorg.khim. 9 no.4:799-802 Ap '64. (MIRA 17:4)

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.

NOVOSELOV, R.I.; MUZYKANTOVA, Z.A.; PTITSYN, B.V.

Complexes unstable with time. Zhur. neorg. khim. 9 no.11:2590-2593  
(MIRA 18:1)  
N '64

1. Institut neorganicheskoy khimii Sibirskogo otdeleniya AN SSSR.

MUZYKANTSKIY, I.M., kapitan meditsinskoy sluzhby

Universal ligature instrument. Voen.-med. zhur. no.6:78-79  
Je '56. (MIRA 9:9)  
(SURGICAL INSTRUMENTS AND APPARATUS)

MUZYKANTSKIY, I.M.

Diagnosis of Sturge-Weber disease. Vest.rent.1 rad. 34 no.2:87  
Mr-Ap '59. (MIRA 13:4)

1. Iz rentgenologicheskogo otdeleniya Sevastopol'skogo onkologicheskogo dispansera (glavnnyy vrach A.A. Bratanchuk).  
(ANGIOMATOSIS, diagnosis,  
Sturge-Weber dis., x-ray (Rus))

L'VOV, A.A., kand. tekhn. nauk; MIZYKIN, V.A., inzh.

Dynamics of four-axle gondola cars under the conditions of  
asymmetrical load. Vest. TSNII MPS 24 no.4:8-12 '65.  
(MIRA 18:7)

3/058/63/000/003/004/104  
A160/A101

AUTHOR: Marykov, G. G.

TITLE: The intensity of a beam of negative ions in a cyclotron

PERIODICAL: Referativnyj zhurnal, Fizika, no. 3, 1963, 32, abstract 3A269.  
(In collection: "Materialy 3-y Nauchn. konferencii aspirantov.  
Rostovsk. un-t.", Rostov-na-Donu, 1961, 104 - 106)

TEXT: Obtained was a formula determining the change in the intensity of a beam of negative ions in a cyclotron due to the charge-exchange processes. This formula reveals, in particular, that the intensity of a beam of negative ions in a cyclotron with a pole diameter of 72 cm decreases ~10 times.

A. Fateyev

[Abstractor's note: Complete translation]

Card 1/1

MARISOVA, A.P.; KARNITSKAYA, N.V.; KONDRATENKO, V.I.; VOLCHANSKAYA, M.A.;  
PRIYMA, N.I.; SHOVKUN, A.G.; MOSKALENKO, Ye.P.; MUZYKOVA, N.F.;  
EL'KIND, R.A.

Study of the reactogenic properties and epidemiological effectiveness  
of the whooping cough-diphtheria vaccine in Rostov-on-Don. Zhur.  
mikrobiol., epid.i immun. 32 no.12:8-12 D '61. (MIRA 15:11)

1. Iz Rostovskogo instituta epidemiologii, mikrobiologii i gigiyeny.  
(ROSTOV-ON-DON--WHOOPING COUGH--PREVENTIVE INOCUALTION)  
(ROSTOV-ON-DON--DIPHTHERIA--PREVENTIVE INOCULATION)

MUZYLEV, B.T., inzh.; SHCHIDAREV-VITKOVSKIY, G.V., inzh.

Noncontact proportioning circuit. Mekh.i avtom.proizv. 18  
no.3:25-26 Mr '64. (MIRA 17:4)

MUZYLEV, L. T.

Cand. Tech. Sci.

Dissertation: "Motion of Filers on Stretching in a rotating Spinning." Moscow Textile Inst.,  
24 Apr 47.

SC: Vechernaya Moskva, Apr, 1947 (Project #736)

MUZYLEV, L.T., kandidat tekhnicheskikh nauk.

New roving machines and simplified plans for wool combing and spinning. Tekst. prom. 17 no. 5:15-19 №в '57. (MLRA 10:6)  
(Woolen and worsted spinning)

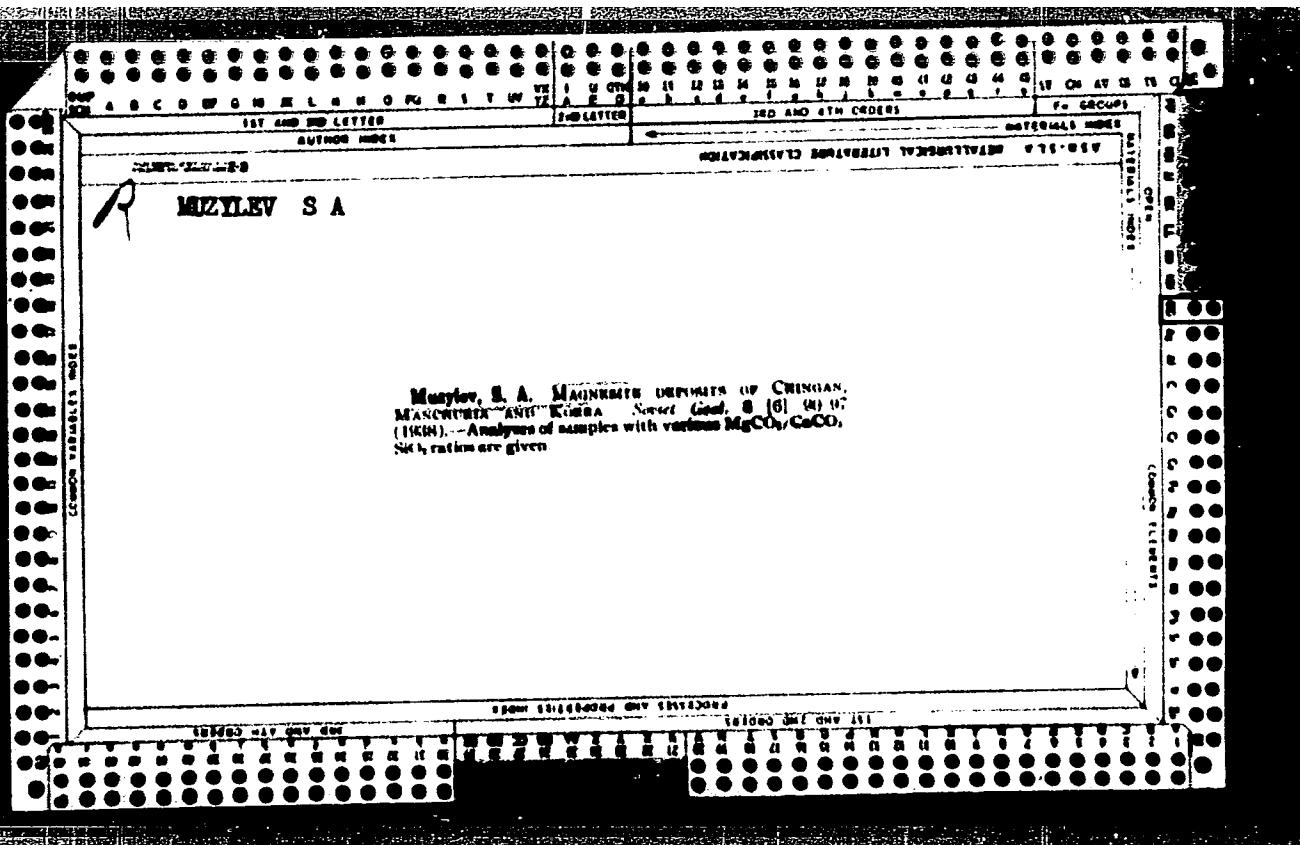
MUZYLEV, Lev Tikhonovich, kand.tekhn.nauk; ISSINSKIY, Viktor Vladimirovich;  
PIROV, Valentin Alekseyevich; KOPLEVICH, Ye.I., red.; MEDVEDEV,  
L.Ya., tekhn.red.

[Wool comber with periodic action; working principle, servicing,  
assembling, and adjustment] Grebnechesal'naja mashina periodi-  
cheskogo deistviia dlia shersti; ustroistvo, obsluzhivanie,  
montazh i naladka. Pod obshchei red. L.T.Muzyleva. Moskva, Gos.  
nauchno-tekhn.izd-vo lit-ry po legkoi promyshl., 1959. 178 p.  
(MIRA 13:5)

(Combing machines)

DUDNIK, Andrey Ivanovich [deceased]; MUZLEV, L.T., dots.;  
VANCHIKOV, A.N., doktor tekhn. nauk, retsenzent;  
BUDNIKOV, I.V., prof., red.; GROMOVA, T.G., red.

[Worsted wool spinning] Grebennoe priadenie shersti.  
Moskva, Izd-vo "Legkaia industriia," 1964. 294 p.  
(MIRA 17:5)



TOLSTIKHINA, M.M.; MUZLEV, S.A., red.; ENTIN, M.L., red. izd-va;  
BORISOV, A.S., tekhn. red.

[Devonian sediments in the central part of the Russian  
Platform and Paleozoic development of its basement] De-  
vonskie otlozheniya tsentral'noi chasti Russkoi platformy i  
razvitiye ee fundamenta v Paleozoe. Moskva, Gos. izd-vo  
geol. lit-ry, 1952. 141 p. (MIRA 15:2)  
(Russian Platform--Geology)

MUZYLEV, S

A

N/5

622.02

.M9

Metodicheskoye rukovodstvo po geologicheskoy s"yemke i poiskam  
(Methodical Manual on Geological Survey and Prospecting) Moskva,  
Gostekhnizdat, 1954.

506 p. diagrs., maps.

At head of title: (Moscow) Vsesoyuznyy Nauchno Issledovatel'sky Geo-  
logicheskiy Institut.

"APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135810008-4

JEWELRY, S. A.

"Georgian Jewelry" - 1952

SC: 3-31-2, file 12

APPROVED FOR RELEASE: 03/13/2001

CIA-RDP86-00513R001135810008-4"

3(2);14(5)

## PHASE I BOOK EXPLOITATION

SOV/2840

USSR. Ministerstvo geologii i okhrany nedor

Instruktsiya po sostavleniyu i podgotovke k izdaniyu geologicheskoy karty i karty poleznykh iskopayemykh masshtaba 1:200,000; obyazatel'na dlya geologicheskikh organizatsiy ministerstv i vedomstv SSSR (Instructions for the Compilation and Preparation of Geological Maps and Maps of Mineral Resources at a Scale of 1:200,000; Mandatory for Geological Organizations of Ministries and Agencies of the USSR) Moscow, Gosgeoltekhnizdat, 1955. 46 p., 2 fold maps. 10,000 copies printed.

Compilers: S. A. Muzylev, and K. N. Paffengol'ts; Editorial Board: Ye. T. Shatalov (Chief Ed.), V. I. Krasnikov, G. A. Mirlin, S. A. Muzylev, and B. S. Rusanov; Ed.: N. I. Babintsev; Tech. Ed.: O. A. Gurova.

PURPOSE: This book is intended for personnel concerned with the compilation of geological maps.

COVERAGE: This manual gives complete instructions and specifications for compiling geological maps and maps of mineral deposits. About a third of the book is devoted to instructions of a fairly generalized nature. The

Card 1/4

## Instructions for the Compilation (Cont.)

SOV/2840

remainder of the manual gives specific graphic instruction in the form of sample maps and sections of maps, also tables and other illustrative material. Included in the subheadings are general requirements; organization and planning of the work; map research and selection of source materials; compilation procedures for compiling geological maps, maps of mineral deposits, cross sections, legends and stratigraphic logs; also instructions for incidental procedures. The sample maps were checked against the Soviet World Atlas 1:5,000,000 and all though they fall in the proper general location there is no correspondence in detail. No personalities are mentioned. No references are given.

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## Instructions for the Compilation (Cont.)

SOV/2840

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Card 3/4

MUZYLEV, S.A.; KOLOSOVA, L.P.; NALIVKIN, D.V., glavnnyy red.

[Geological map of the U.S.S.R.] Geologicheskaiia karta SSSR.  
Sostavlena pod rukovodstvom S.A.Muzyleva i L.P.Kolosovoi. Glav.  
redaktor D.V.Nalivkin. Leningrad, 1955. 10 l. (MIRA 12:3)

1. Leningrad. Vsesoyuznyy geologicheskiy institut.  
(Geology--Maps)

MUZYLEV, S.A.; ZHAMOYDA, A.I.

Stratigraphy of the upper Paleozoic of Mount Zarod in the Maritime Territory. Inform. abor. VSEGEI no.2:29-35 '55. (MLRA 9:11)  
(Maritime Territory--Geology, Stratigraphic)

MUZYLEV, S.A.; KOLOSOVA, L.P.; NALIVKIN, D.V.... glavnnyy red.

[Geological map of the U.S.S.R.] Geologicheskais karta SSSR.  
Sostavlena pod rukovodstvom V.N.Vereshchagina, L.P.Kolosovoi,  
S.A.Muzyleva. Glav.redaktor D.V.Nalivkin. Leningrad, 1956. 19 l.  
(MIRA 12:3)

1. Leningrad. Vsesoyuznyy geologicheskiy institut.  
(Geology--Maps)

MUZYLEV, S.A.

15-1957-7-8914

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 7,  
p 4 (USSR)

AUTHOR: Bogdanov, A. A., Muzylov, S. A., Shatalov, E. T.

TITLE: On the Prague and Warsaw Geological Conferences for  
the Western Nations of National Democracy and the USSR  
(O Prazhskom i Varshavskom soveshchaniyakh geologov  
stran narodnoy demokratii Zapada i SSSR)

PERIODICAL: Sov. geologiya, sb. 54, 1956, pp 3-19

ABSTRACT: The basic aim of the Prague conference, held in October 1955, was to work out the general principles, the methodology, and the plan for constructing geological maps to the scale of 1:200 000. It was pointed out that a necessity existed for a unification of effort on the part of the geologists from the participating countries in solving such problems as working out the geology of the Carpathian fold system, the geology of the North German and North Polish plain, and the structure of the plain's folded base. The partici-

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On the Prague and Warsaw Geological Conferences for the Western Nations of National Democracy and the USSR. (Cont.)

pants went on organized field trips to the Rzhychan missif in the region of the classical Silurian and Devonian of Czechoslovakia (Barrandian Paleozoic). At the Warsaw conference, held in April, 1956, there were discussions about the project of instruction necessary for the compiling of geological maps to the scale of 1:200 000, to be carried out (according to the decision of the Prague conference) by the Polish Geological Service. With regard to stratigraphical systems, the conference decided to ignore the common small subdivisions in the Archean and the Proterozoic groups, and to show the main systems, the subdivisions, and, wherever possible, the strata in the Paleozoic and the Cenozoic groups. It was decided to call a number of stratigraphical conferences in the very near future for the purpose of answering controversial questions about the subdividing of the Ordovician and the Silurian and about determining the position of the Daun stratum, and to act on the question of subdividing the Tertiary and the Quaternary systems. The conference

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also established a common system of stratigraphic indexes of subdivisions for the geological maps. It was decided to draw the maps of natural resources on the full (undivided) geological base and to compile simultaneously a tectonic map of Central and Eastern Europe and the Adjacent countries, to the scale of 1:2 500 000. The participants went on organized field trips from Warsaw to Cracow and into the Tatra Mountains, and also to Upper Silesia and to Velichka. Both conferences considered the question of re-establishing, within the framework of the International Geological Congress, the activities of the Carpathian Geological Association (and its subsequent expansion into the Alpian Association).

G. I. Denisova

Card 3/3

BELYAYEVSKIY, N.A., red., VERESHCHAGIN, V.N., red., KRASNYY, L.I., red..  
LIBROVICH, L.S., red., MARKOVSKIY, A.P., red., MUZYLEV, S.A., red..  
HALIVKIN, D.V., red., NIKOLAYEV, V.A., red., OVECHKIN, N.K., red..  
POLOVINKINA, Yu.Ir., red., ROSSOVA, S.M., red. izd-va.; SEMENOVA,  
M.V., red. izd-va.; BABINTSEV, N.I., red. izd-va.; GUROVA, O.A., tekhn.red.

[Geological structure of the U.S.S.R.] Geologicheskoe stroenie SSSR.

Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geol. i okhrane nedr.

Vol. 1. [Stratigraphy] Stratigrafiia. 1958. 587 p. [Supplement]

Prilozhenie. 3 fold. maps.

Vol. 2. [Magmatism] Magmatizm. 1958. 329 p.

Vol. 3. [Tectonics] Tektonika. 1958. 383 p.

(MIRA 11:11)

1. Leningrad. Vsesoyuznyy geologicheskiy institut.  
(Geology)

KRASNYY, Lev Isaakovich; MUZLEV, S.A., red.; MAKRUSHIN, V.A., tekhn.red.

[Basic tectonic problems of Khabarovsk Territory and Amur Province]  
Osnovnye voprosy tektoniki Khabarovskogo kraia i Amurskoi oblasti.  
Leningrad, 1960. 31 p. (Leningrad. Vsesoiuznyi geologicheskii  
institut. Materialy, no.37) (MIRA 14:7)  
(Siberia, Eastern—Geology, Structural)

MARKOVSKIY, A.P.; VERESHCHAGIN, V.N.; MUZYLEV, S.A.

Present status and problems of geologic studies of the U.S.S.R.  
Sov.geol. 4 no.10:5-19 O '61. (MIRA 14:11)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologicheskiy institut.  
(Geological surveys)

VERESHCHAGIN, V.N.; IVANOV, Yu.A.; BELYAYEVSKIY, N.A., *glav. red.*;  
ALEXNER, A.Z., *red.*; GRIGOR'YEV, A.V., *red.*; ZAYTSEV, I.K.,  
*red.*; KLIMOV, P.I., *red.*; KRASNOM, I.I., *red.*; LANKIN, A.A.,  
*red.*; MUZYLEV, S.A., *red.*; OGNEV, V.N., *red.*; TROSTNIKOVA,  
N.Ya., *red.* izd-va; IYERUSALIMSKAYA, Ye.S., *tekhn. red.*

[Instruction for compiling and preparing for publication a  
geological map at a scale of 1:50,000; supplement to the  
instruction for organizing and conducting geological surveys  
at a scale of 1:50,000 and 1:25,000] Instruktsiia po sostavle-  
niyu i podgotovke k izdaniiu geologicheskoi karty masshtaba  
1:50 000; dopolnenie k instruktsii po organizatsii i proizvod-  
stvu geologos"emochnykh rabot masshtaba 1:50 000 i 1:25 000.  
Moskva, Gosgeoltekhizdat, 1962. 41 p. (MIRA 15:6)

1. Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr.  
(Geology--Maps)

ITSIKSON, M.I.; MUZYKOV, S.A.

Basic characteristics of the Riphean tectonics in the Far East;  
experience in representing the paleotectonic pattern. Trudy  
VSEGEI 85:149-177 '63. (MIRA 16:11)

172.16.67.125(1) PW  
ACC NO: AP6035892

SOURCE CODE: UR/0413/66/000/020/0130/0130

INVENTOR: Muzylev, V. S.

11

ORG: none

B

TITLE: Device for the separation and transformation of a useful seismic signal from microseismic interference. Class 42, No. 187332

SOURCE: Izobreteniya, promyshlennye obraztsy, tovarnyye znaki, no. 20, 1966, 130

TOPIC TAGS: seismic signal, microseismic interference, seismic wave, microseism

ABSTRACT: A device, consisting of an emitter follower, a linear pulse amplifier, a diode limiter, a servomechanism, and a pulse amplifier-shaper, has been designed for the separation and transformation of useful seismic signals from microseismic interference. It has visual magnitude control in seismic stations with no visible recording facilities. To increase measurement accuracy, a converter is connected through a decoupling capacitor to the final stage of the seismic-station amplifier and attached to the input of the emitter follower to change sinusoidal signals into trapezoidal signals.

SUB CODE: 08/ SUBM DATE: 16Jul64/ ATD PRESS: 5104

Card 1/1 LS

UDC: 550.340.19: :534.647

MANEVSKIY, Yevgeniy Stepanovich; MUZYLEV, Vasiliy Sergeyevich; MUSHTAKOV,  
Nikolay Denisovich; KOLOSOV, S.A., inzhener, redaktor; SIDOROV, N.I.,  
redaktor; VENEMA, G.P., tekhnicheskij redaktor

[Experience in operating diesel electric railroad power stations]  
Opyt obsluzhivaniia dizel'nykh zhileznodorozhnykh elektrostantsii.  
Pod obshchej red. S.A.Kolosova. Moskva, Gos. transp. zhel-dor.  
izd-vo, 1956. 62 p.  
(Diesel engines) (Electric power plants)

(MIRA 9:9)

MUZYLLO, A.

Distr: 4E2c(5)  
✓ Polyamide resins. [Instytut Włókien Sztucznych i Syntetycznych (by A. Ziabicki and H. Muzyllo). Pol. 37, 936, Feb. 15, 1968. Polyamide resins of various physicochemical properties can be obtained from adipic acid or  $\beta$ -methyl-adipic acid condensed with hexamethylenediamine or  $N$ -methylhexamethylenediamine substituted in 1-50%. Materials for the production of fiber., films, and artificial skins are obtained by changing the degree of methylation of the raw materials. K. Bojanowska]

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MUZYUK L.Ya.

KARANDEYEV, K.B.; MUZYUK, L.Ya.; PETROVSKIY, V.A.

Semibalanced bridges with phase-sensitive indicators. Nauch.zap.  
IMA L'viv fil. AN URSR. Ser. avtom. i izm. tekhn. 3 no.2:5-19 '54.  
(Electric resistance) (MLRA 8:11)

IMUZYUKIN L V

PHASE I BOOK EXPLOITATION SOV/5592

Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheniy v narodnom khozyaystve SSSR. Riga, 1960.

Radioaktivnyye izotopy i yadernyye izlucheniya v narodnom khozyaystve SSSR; trudy Vsesoyuznogo soveshchaniya 12 - 16 aprelya 1960 g. g. Riga, v 4 tomakh. t. 4: Poiski, razvedka i razrabotka poleznykh iskopayemykh (Radioactive Isotopes and Nuclear Radiation in the National Economy of the USSR; Transactions on the Symposium Held in Riga, April 12 - 16, 1960, in 4 volumes. v. 4: Prospecting, Surveying, and Mining of Mineral Deposits) Moscow, Gostoptekhizdat, 1961. 284 p. 3,640 copies printed.

Sponsoring Agency: Gosudarstvennyy nauchno-tehnicheskiy komitet Soveta Ministrov SSSR. Gosudarstvennyy komitet Soveta Ministrov SSSR po ispol'zovaniyu atomnoy energii

Eds. (Title page): N. A. Petrov, L. I. Petrenko, and P. S. Savitskiy; ed. of this volume: M. A. Speranskiy; Scientific ed.: M. A. Speranskiy; Executive Eds.: N. N. Kuz'mina and A. G. Ionel';

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Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

Tech. Ed.: A. S. Polosina.

PURPOSE : The book is intended for engineers and technicians dealing with the problems involved in the application of radioactive isotopes and nuclear radiation.

COVERAGE: This collection of 39 articles is Vol. 4 of the Transactions of the All-Union Conference of the Introduction of Radioactive Isotopes and Nuclear Reactions in the National Economy of the USSR. The Conference was called by the Gosudarstvennyy nauchno-tehnicheskiy komitet Sovet Ministrov SSSR (State Scientific-Technical Committee of the Council of Ministers of the USSR), Academy of Sciences USSR, Gosplan SSSR (State Planning Committee of the Council of Ministers of the USSR), Gosudarstvennyy komitet Svetla Ministrov SSSR po avtomatizatsii i mashinostroyeniyu (State Committee of the Council of Ministers of the USSR for Automation and Machine Building), and the Council of Ministers of the Latvian SSR. The reports summarized in this publication deal with the advantages, prospects, and

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Radioactive Isotopes and Nuclear (Cont.)

SOV/5592

development of radioactive methods used in prospecting, surveying, and mining of ores. Individual reports present the results of the latest scientific research on the development and improvement of the theory, methodology, and technology of radiometric investigations. Application of radioactive methods in the field of engineering geology, hydrology, and the control of ore enrichment processes is analyzed. No personalities are mentioned. There are no references.

## TABLE OF CONTENTS:

Alekseyev, F. A. Present State and Future Prospects of Applying the Methods of Nuclear Geophysics in Prospecting, Surveying, and Mining of Minerals 5

Bulashhevich, Yu. P., G. M. Voskoboinikov, and L. V. Muzyukin. Neutron and Gamma-Ray Logging at Ore and Coal Deposits 19

Gordeyev, Yu. I., A. A. Mukher, and D. M. Srebrodol'skiy. The Card 3/11

MUZYUKIN, V., inzh.

Industry-wide conference in Karelia. NTO 3 no.12:53 D '61.  
(MIRA 15:1)  
(Karelia--Industries--Congresses)

ASHIKAWA, W. S.

3 29 . ASHIKAWA, W. S., i ASHIKAWA, W. S. Pejuzka dworska 1. -Lata TL-3 .  
valony shirokoi belci. L.S. Prz. 6, 1949, No. 1, S. 13-14

SG: Leto ist' zhurnal'nyi S. S. S. R., No. 11, 1949

MUZYUKIN, V.S.

Persistently improve the economic indexes of lumber camps. Mekh. trud. rab.  
7 no.11:5-9 D '53. (MLBA 6:12)

1. Direktor Ural'skogo filiala Tsentral'nyy nauchno-issledovatel'skogo  
instituta mekhanizatsii i energetiki lez'moy promyshlennosti.  
(Lumbering)

MUZYUKIN, V.S., inzhener

Shortcomings in the organizational structure of lumbering  
concerns and in the acquisition of equipment. Mekh. trud.  
rav. 9 no.5:37-39 My '55. (MIRA 8:7)  
(Lumbering)

SHEERSHACHEVA, L.I.; VDOVENKO, K.G.; MUZYUKINA, T.M.

Comparative evaluation of various methods for taking material to  
be tested for dysentery. Lab.delo 2 no.2:25-26 Mr-ap '56. (MLRA 9:10)

1. Iz bakteriologicheskogo otdela Kuybyshevskoy gorodskoy sanitarno-  
epidemiologicheskoy stantsii.  
(DYSENTERY)